

V. NDACC-Related Acronyms

ADEOS	Advanced Earth Observing Satellite
ALOMAR	Arctic Lidar Observatory for Middle Atmospheric Research (Norway)
ARM	Atmospheric Radiation Measurements Program (Department of Energy, United States)
AWI	Alfred Wegener Institute for Polar and Marine Research (Germany)
BAS	British Antarctic Survey
CAO	Central Aerological Observatory (Russia)
CHMI	Czech Hydrometeorological Institute (Czech Republic)
CI	Complementary Investigator
Cires	Cooperative Institute for Research in Environmental Studies (United States)
CNR-IFA	Consiglio Nazionale delle Ricerche - Instituto di Fisica dell'Atmosfera
CNR-IFSI	Consiglio Nazionale delle Ricerche - Instituto di Fisica dello Spazio Interplanetario
CNR-ISAC	Consiglio Nazionale della Ricerche – Istituto di Scienze dell'Atmosfera e del Clima (Italy)
CNRS	Centre National de Recherche Scientifique (France)
CRL	Communications Research Laboratory (Japan)
DMI	Danish Meteorological Institute
DWD	Deutscher Wetterdienst (German National Meteorological Service)
EASOE	European Arctic Stratospheric Ozone Expedition
EC	Environment Canada
ECC	Electrochemical Concentration Cell (relates to ozonesondes)
ENEA	Ente Nazionale Energie Alternative (Italy)
FISBAT	Institute for the Study of Physical and Chemical Phenomena of the Low and High Atmosphere (Italy)
FMI	Finnish Meteorological Institute
FTIR	Fourier Transform Infrared
FTS	Fourier Transform Spectroscopy (Spectrometer)
GASCOD	Gas Absorption Spectrometer Correlating Optical Differences
GMD	Global Monitoring Division (formerly CMDL) (NOAA, United States)
GSFC	Goddard Space Flight Center (NASA, United States)
GSMA	Groupe de Spectrométrie Moléculaire et Atmosphérique (France)
HUT	Helsinki University of Technology (Finland)
IAO	Institute of Atmospheric Optics (Russia)
IAP	Institute of Atmospheric Physics (Moscow, Russia)
IASB-BIRA	Institut d'Aéronomie Spatiale de Belgique (Belgium)
IEM	Institute of Experimental Meteorology (Russia)
ILAS	Improved Limb Atmospheric Sounder
ILE	Institute for Laser Engineering, Kyung Hee University, KyungKi-Do (Korea)
IMK-IFU	Institut für Meteorologie und Klimaforschung (Institute of Meteorology and Climate Research, Forschungszentrum Karlsruhe, Germany)
IMWM	Institute of Meteorology and Water Management (Poland)
INM	Instituto Nacional de Meteorología (Spain)

INSU	Institut National des Sciences de l'Univers (France)
INTA	Instituto Nacional de Technica Aerospacial (Spain)
IPSL	Institut Pierre-Simon Laplace (France)
IRF	Institut für Rumdfysik (Institute of Space Physics, Sweden)
IROE	Instituto di Ricerca Sulle Onde Elettromagnetiche (Italy)
ISSJ	International Scientific Station of the Jungfraujoch (Switzerland)
IVL	Institutet foer Vatten och Luftvaerdsfoerskning (Swedish Environmental Research Institute, Sweden)
JPL	Jet Propulsion Laboratory (NASA, United States)
KNMI	Royal Netherlands Meteorological Institute
KSNU	Kyrgyz State National University
LaRC	Langley Research Center (NASA, United States)
MIT	Massachusetts Institute of Technology (United States)
MOHp	Meteorological Observatory Hohenpeissenberg (Germany)
MRI	Meteorological Research Institute (Japan)
MSC	Meteorological Service of Canada (formerly AES, Atmospheric Environment Service)
NASA	National Aeronautics and Space Administration (United States)
NASDA	National Space Development Agency (Japan)
NCAR	National Center for Atmospheric Research (United States)
NCEP	National Center for Environmental Prediction (NOAA, United States)
NDACC	Network for the Detection of Atmospheric Composition Change
NIES	National Institute for Environmental Studies (Japan)
NILU	Norwegian Institute for Air Research
NIWA	National Institute of Water and Atmospheric Research Ltd. (New Zealand)
NOAA	National Atmospheric and Oceanic Administration (United States)
NPL	National Physical Laboratory (United Kingdom)
NRL	Naval Research Laboratory (United States)
OHP	Observatoire Haute Provence (France)
OMP	Observatoire Midi-Pyrénées (France)
OSO	Onsala Space Observatory (Sweden)
PGI	Polar Geophysical Institute of the RAS (Russia)
PI	Principal Investigator
POLARIS	Photochemistry of Ozone Loss in the Arctic Region in Summer
RAS	Russian Academy of Sciences
RIVM	Rijksinstituut voor Volksgezondheid en Milieu (National Institute of Public Health and the Environment, The Netherlands)
RMIB	Royal Meteorological Institute of Belgium
SA-IPSL	Service d'Aeronomie – Institut Pierre-Simon Laplace (France)
SAOZ	Système d'Analyse par Observaton Zenithale
SESAME	Second European Stratospheric Arctic and Mid-Latitude Experiment
SMI	Swiss Meteorological Institute
STEL	Solar Terrestrial Environment Laboratory, Nagoya University (Japan)
SUNY	State University of New York (United States)
TAO	University of Toronto Atmospheric Observatory
TI	Theory and Analysis Investigator

TIT	Tokyo Institute of Technology (Japan)
TMF	Table Mountain Facility (JPL, United States)
UJF	Université Joseph-Fourier, Grenoble (France)
UNESP	Universidade Estadual Paulista (Brazil)
WFF	Wallops Flight Facility (NASA, United States)
WMO	World Meteorological Organization
WVMS	Water Vapor Microwave Spectrometer